UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,117,418 B2
APPLICATION NO. : 09/954698
DATED   : October 3, 2006
INVENTOR(S)   : William H. Thesling and Sameep Dave

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATIONS

At column 5, line 45, please replace "(M0)+RM(M)+RV(M2)+RV(MX)" with -- (M0)+RV(M1)+RV(M2)+RV(MX) --.

At column 6, line 1, please add a return between "222-230)+RV(MY);" and "RVO(M2)=DM2-DM0=DM".

At column 6, line 16, please replace "(M0)-RV(ML)-RV(M2)-RV(MX)" with -- (M0)-RV(M1)-RV(M2)-RV(MX) --.

At column 6, line 20, please replace "(M0)-RV(M)-RV(M2)-RV(MX)" with -- (M0)-RV(M1)-RV(M2)-RV(MX) --.

At column 6, line 22, please replace "(M0)-RV(M)-RV(M2)-RV(MX)" with -- (M0)-RV(M1)-RV(M2)-RV(MX) --.

At column 6, line 48, please replace "(M0)-RV(ML)-(RV(M3)" with -- (M0)-RV(M1)-(RV(M3) --.

At column 6, line 51, please replace "(M0)-RV(M)-(RV(M3)" with -- (M0)-RV(M1)-(RV(M3) --.

At column 10, line 23, please replace "M4(position 12)" with -- M4(position 12) --.

At column 11, line 8, please replace "RVO(bit 4)-0.3+RV(4)=-0.3-0.9=-1.2" with -- RVO(bit 4)=-0.3+RV(4)=-0.3-0.9=-1.2 --.

At column 18, line 23, please replace "330where" with -- 330 where --.

At column 18, line 65, please add -- RVO(J) = RV(J) + γ + RV(M0) + RV(M1), where J is all other positions. -- between "= RV(M3) + RV(MY) + RV(M0) + RV(M1); and" and "b) If the minimum distance metric DM0=DM(HDDV),".

At column 19, line 20, please add -- RVO(J) = RV(J) + γ + RV(M0) + RV(M1), where J is all other positions. -- between "= RV(M3) + RV(MY) + RV(M0) + RV(M1); and" and "c) If the minimum distance metric DM0=DM(SCA), and".

At column 19, line 41, please replace "= -RV(M3)" with -- = RV(M3) --.

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At column 19, line 43, please add -- $RVO(J) = RV(J) + \gamma - RV(M2) - RV(MX)$, where J is all other positions. -- above the line "d) If the minimum distance metric DM0=DM (SCA), and".

At column 19, line 65, please add -- $RVO(J) = RV(J) + \gamma - RV(M2) - RV(MX)$, where J is all other positions. -- between "$=RV(M3) + RV(MY) - RV(M2) - RV(MX)$; and " and "e) If the minimum distance metric DM0=DM(TCA), and".

At column 20, line 19, please replace "$= -RV(M0) + RV(M1)$" with -- $= -RV(M0) - RV(M1)$ --.

At column 20, line 20, please add -- $RVO(J) = RV(J) + \gamma - RV(M3) - RV(MY)$, where J is all other positions. -- above the line "f) If the minimum distance metric DM0=DM (TCA), and".

At column 20, line 41, please replace "$= -RV(M2)$" with -- $= RV(M2)$ --.

At column 20, line 42, please add -- $RVO(J) = RV(J) + \gamma - RV(M3) - RV(MY)$, where J is all other positions. -- above "The constant γ is determined by trial and error. A range of".

At column 23, line 43, please replace "$DM(TCA - DM(HDDV) - RV - (M0)_{input}$" with -- $DM(TCA) - DM(HDDV) - RV(M0)_{input}$ --.

Signed and Sealed this

Sixteenth Day of January, 2007

JON W. DUDAS
Director of the United States Patent and Trademark Office